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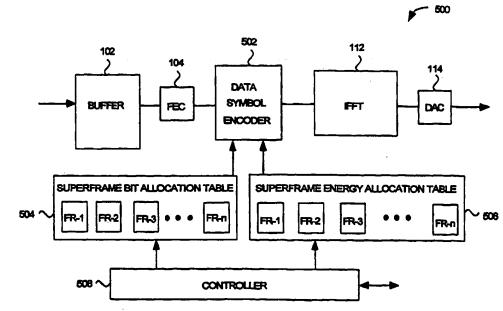
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(54) Title: METHOD AND APPARATUS FOR SUPERFRAME BIT ALLOCATION IN A DISCRETE MULTITONE (DMT) SYSTEM



(57) Abstract

A method and apparatus for supporting multiple bit allocations in a multicarrier modulation system are disclosed. Hence, symbols being transmitted or received can make use of different bit allocations. By supporting the multiple bit allocations, the multicarrier modulation system is able to support bit allocation on a superframe basis. Also disclosed are techniques for selection and alignment of superframe formats to improve system performance. In the case of data transmission systems involving different transmission schemes, different bit allocations can be used to reduce undesired crosstalk interference.

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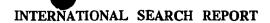




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